

Title (en)
QUICK CONNECTOR WITH VERIFICATION

Title (de)
SCHNELLKUPPLUNG MIT VERIFIKATION

Title (fr)
RACCORD RAPIDE AVEC VÉRIFICATION

Publication
EP 4308841 A1 20240124 (EN)

Application
EP 22714701 A 20220316

Priority
• US 202117205301 A 20210318
• US 2022020533 W 20220316

Abstract (en)
[origin: US2022299143A1] A quick connector coupling for making a severable connection with a male member in a fluid line includes a connector body having a through bore for receiving the male member having a tubular shape sized to extend into the through bore of the connector body, a retainer releasably securing the male member within the connector body, and a verifier including at least one arm extending outside the connector body. Further, the verifier is coupled to the connector body and is moved to a latched position from an unlatched position when the male member is securely connected with the connector body. The connector body includes at least one verification element, which is at least partially covered by the at least one arm extending from the verifier in the unlatched position. The verification element of the connector body is uncovered and readable when the verifier is moved to the latched position.

IPC 8 full level
F16L 37/14 (2006.01)

CPC (source: EP KR US)
F16L 37/1225 (2013.01 - KR US); **F16L 37/144** (2013.01 - EP KR); **F16L 2201/10** (2013.01 - EP KR US); **F16L 2201/60** (2013.01 - KR)

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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JP 2024510272 A 20240306; KR 20230156131 A 20231113; WO 2022197791 A1 20220922

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